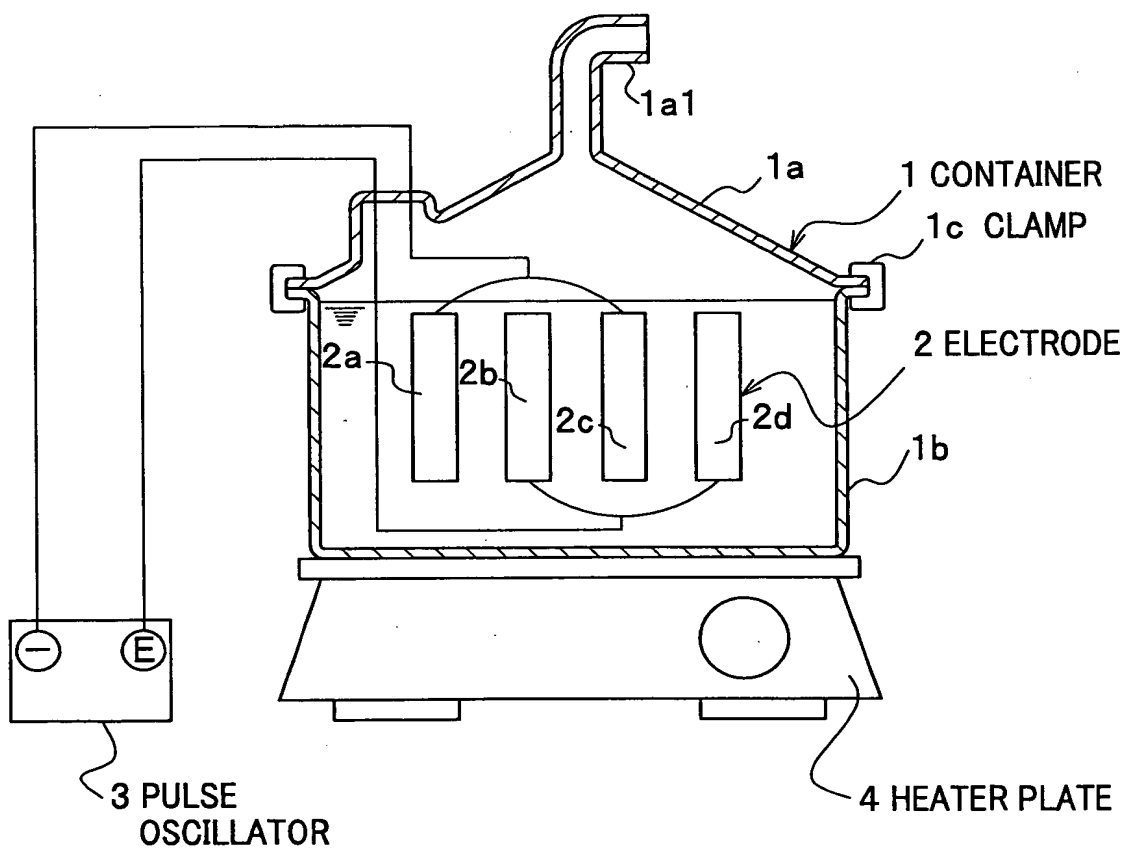


FIG. 1



⊖ NEGATIVE ELECTRODE

POSITIVE ELECTRODE (EARTH)

FIG.2

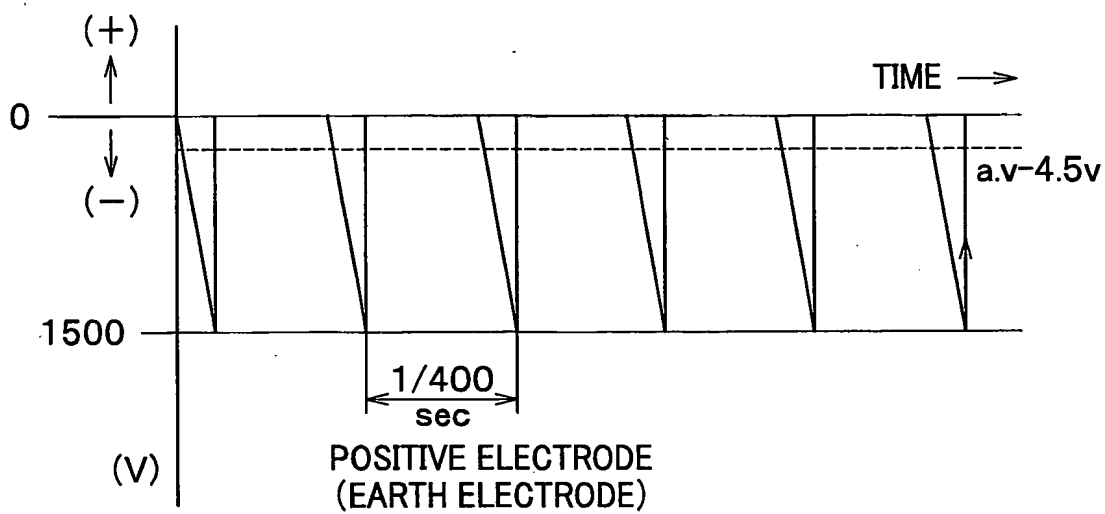


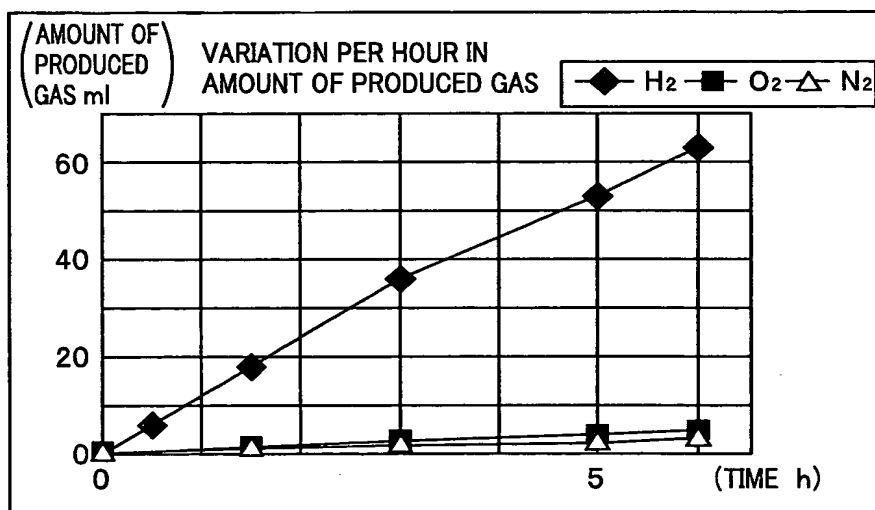
FIG.3

(a)

TIME(h)	0	0.5	1.5	3.0	5.0	6.0
H ₂ (ml)	0	6.38	18.70	36.60	53.04	63.51
O ₂ (ml)	0	0.54	1.45	2.79	4.10	4.98
N ₂ (ml)	0	0.58	1.36	2.12	2.70	3.34
TOTAL(ml)	0	7.50	21.51	41.51	59.84	71.83

MEASURED WITH DIGITAL MULTIMATE (WITH 4.5 V,1.1mA)

(b)



(c)

TIME(h)	0	0.5	1.5	3.0	5.0	6.0
H ₂ (VOL%)	0	85.07	86.94	88.17	88.64	88.42
O ₂ (VOL%)	0	7.20	6.74	6.72	6.85	6.93
N ₂ (VOL%)	0	7.73	6.32	5.11	4.51	4.65
TOTAL (VOL%)	—	100.00	100.00	100.00	100.00	100.00

(WITH 4.5 V,1.1mA)